

# SSC Construction Inspection Safety findings

## July, 2009

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# Construction Safety Findings: 26 June - 02 July 2009

## ■ Findings Total: 4

### - Serious Findings: 1

#### ■ Hazcom: 1

- Several employees were working in an enclosed building, while standing in a large cloud of paint overspray. The employees failed to protect themselves from the known health hazards as outlined in the product's MSDS. 29 CFR 1926.59 / 1910.1200

### - Less than Serious Findings: 3

#### ■ Electrical: 2

- Contractor found using a two wire as well as damaged extension cords. 29 CFR 1926.405
- Contractor found using damaged extension cords. 29 CFR 1926.405

#### ■ Housekeeping: 1

- The entire jobsite is cluttered with debris and there are two large piles of form boards stacked without the nails withdrawn. 29 CFR 1926.250

## ■ Mishaps / Close Calls: 2

### ■ Mishaps: 1

- While attempting to clean-up, a worker received an insect bite on the left ring finger that caused pain and swelling. The employee went to the clinic and was prescribed an antibiotic.

### ■ Close Calls: 1

- While attempting to raise the boom on a crawler crane, the base of the gantry broke, causing minor damage to the crane.

# Construction Safety Findings: 03-09 July 2009

## ■ Findings Total: 1

- Serious Findings: 0

- Less than Serious Findings: 1

■ Other: 1

- Sub-contracted employee found working on a holiday without proper supervision. (FAR, Superintendence clause)

## ■ Mishaps / Close Calls: 4

■ Close Calls: 4

- A block mason was attempting to make an angle cut on a piece of block when the saw blade became bound, kicking the block sideways. The employee's hand was twisted and pinched between the block and the saw blade guard. The employee was taken to the SSC Clinic where only first aid was administered for a sore wrist and bruising to the back of the hand.
- The reservoir cap on the hydraulic tank for one of the dewatering pumps fell off, causing a spill of approximately 12-15 gallons of hydraulic fluid.
- An employee was observed willfully violating a company safety policy by being attached to the wrong fall protection for the area of the test stand being worked, making rescue difficult if the employee fell.
- An employee was taken to the SSC Clinic after feeling dizzy and nauseous. The employee was examined for heat stress and released without medical treatment or work restrictions.

# Construction Safety Findings: 10-16 July 2009

## ■ Findings Total: 2

### - Serious Findings: 1

#### ■ Other: 1

- Employees continued to work on the roof of the building after a lightning warning was issued. NASA SSC SCWI 8715.0001 section 3.4.2

### - Less than Serious Findings: 1

#### ■ Other: 1

- Employees found working on site without having been through the site safety orientation. 29 CFR 1926.21

## ■ Mishaps / Close Calls: 3

### ■ Close Calls: 3

- An employee was taken to the SSC Clinic after feeling dizzy and nauseous. The employee was examined for heat stress and released without medical treatment or work restrictions.
- A submersible dewatering pumps malfunctioned, causing a spill of approximately 25 gallons of hydraulic fluid into an excavation and a nearby drainage ditch.
- The site supervisor ordered workers into an excavation while it contained contaminated water. The contractor's safety representative removed the workers from the excavation and the supervisor was replaced.

# Construction Safety Findings: 17-23 July 2009

## ■ Findings Total: 7

### - Serious Findings: 1

#### ■ Other: 1

- An employee was working alone on Saturday, attempting to operate a concrete saw from an elevated structure. There were no other workers on the entire job site.  
SSP 8715.0001 section 3.7 (Buddy System)

### - Less than Serious Findings: 6

#### ■ Electrical: 3

- Employee found using a damaged extension cord. 29 CFR 1926.405
- Employees using electric hand tools that were plugged into generators that did not have GFCI protection on two different construction sites. 29 CFR 1926.404

#### ■ PPE: 1

- Employee observed working without a hard hat or safety glasses. 29 CFR 1926.95

#### ■ Other: 2

- Workers conducting welding and cutting activities with no fire watch. SPR 8715.3
- Fire Extinguisher on site that did not have a current annual inspection. 29 CFR 1926.150

## ■ Mishaps / Close Calls: 1

### ■ Close Calls: 1

- An employee was taken to the SSC Clinic after feeling dizzy and nauseous. The employee was examined for heat stress and released without medical treatment or work restrictions.

# Construction Safety Findings: 24-30 July 2009

## ■ Findings Total: 1

- Serious Findings: 0

- Less than Serious Findings: 1

■ Other: 1

- Workers were breaking-up concrete with a jackhammer. This caused a visible dust cloud. The workers were not properly protected from the health hazards associated with the silica in the dust. 29 CFR 1926.55

## ■ Mishaps / Close Calls: 1

■ Mishap: 1

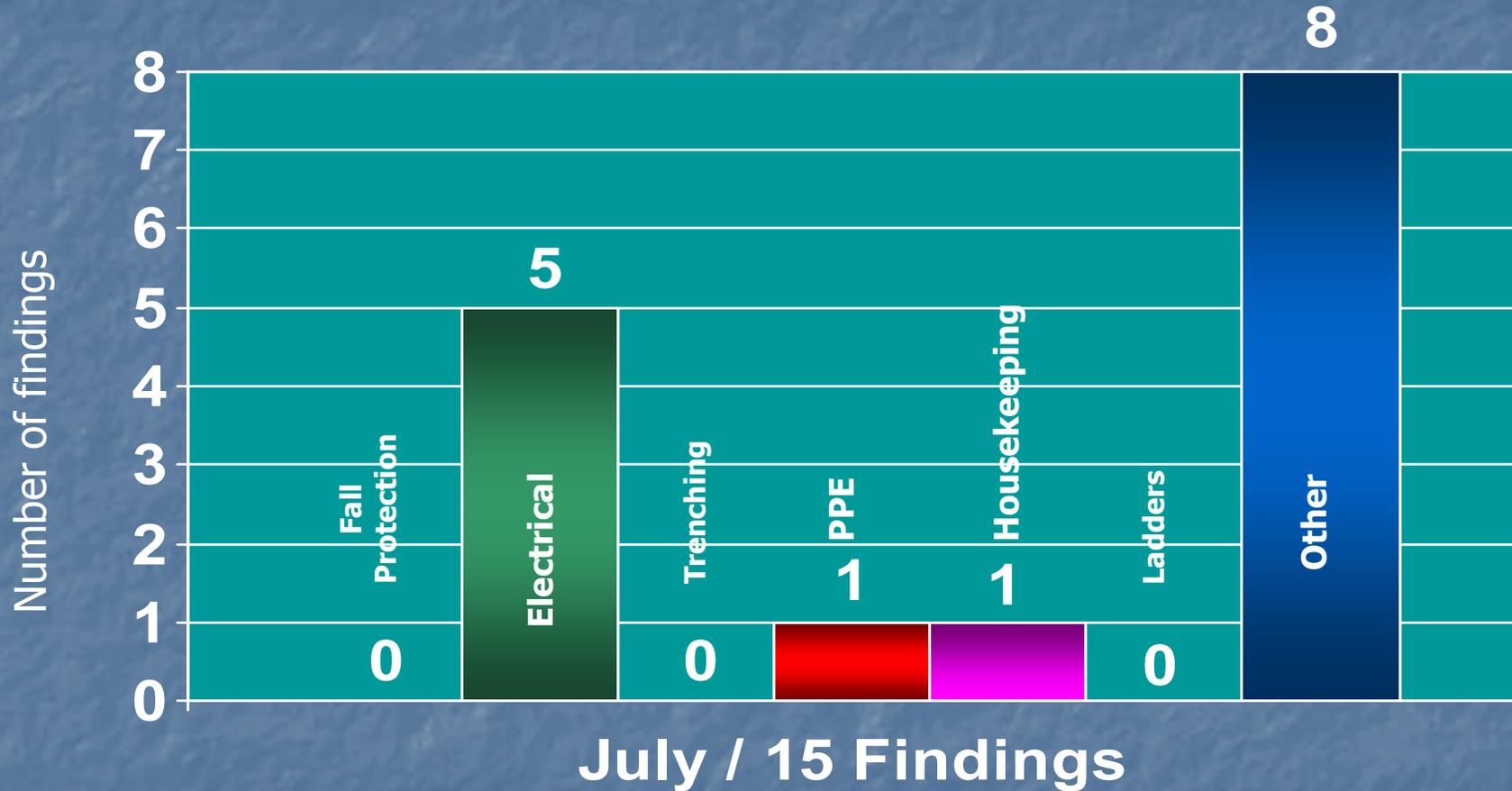
- While working from an elevated platform, a worker dropped an extension pole for a paint roller. The pole hit another worker who was on the ground. That worker received bruises to the left shoulder and was placed on restricted duty.

# Summary

- **Total Findings: 15**
- **Serious Findings: 3**
- **Less than serious Findings: 12**
- **Close Calls: 9**
- **Mishaps: 2**
- **Injuries: 2**

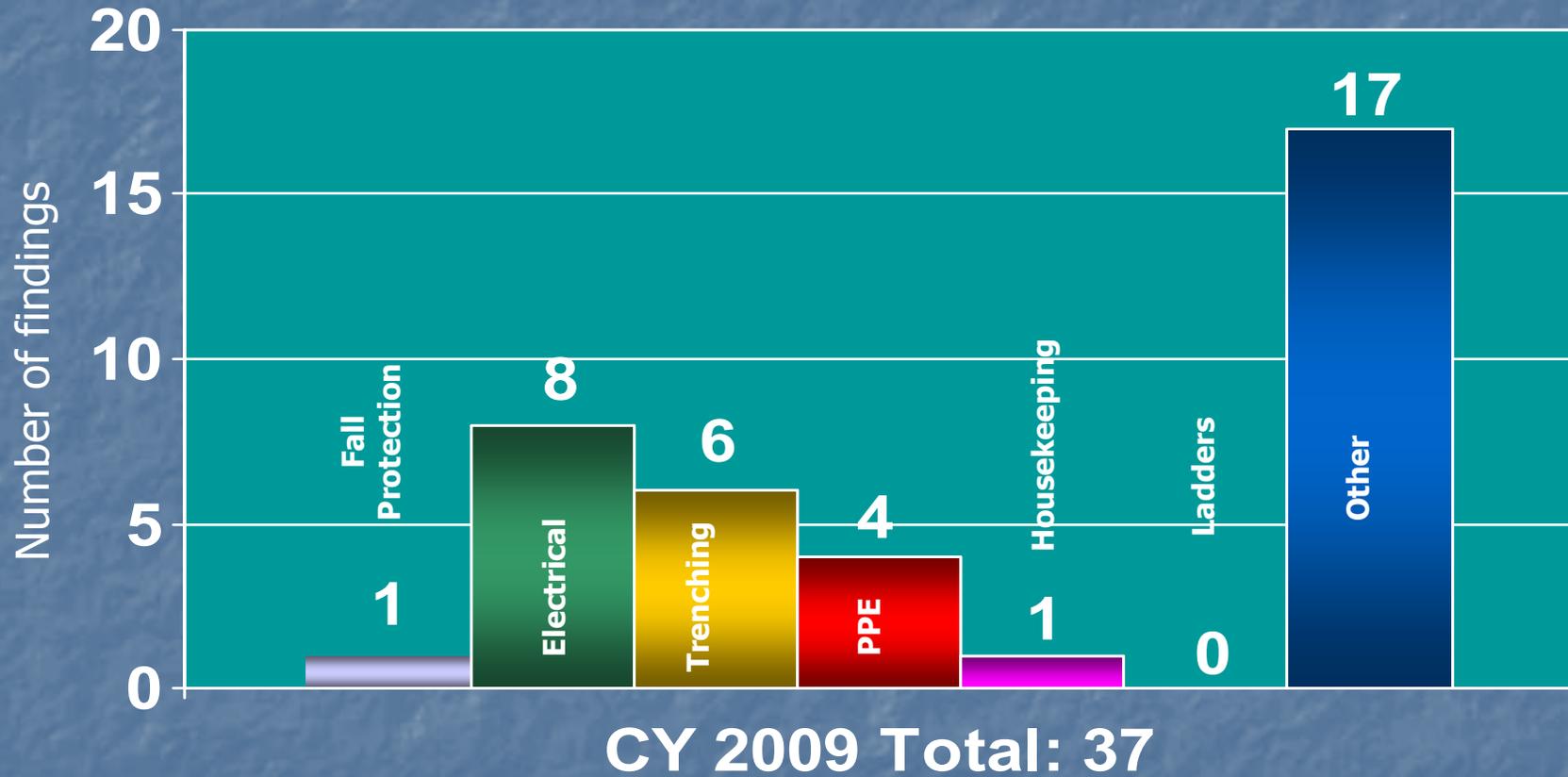
# 2009

## Construction Safety Findings by category:



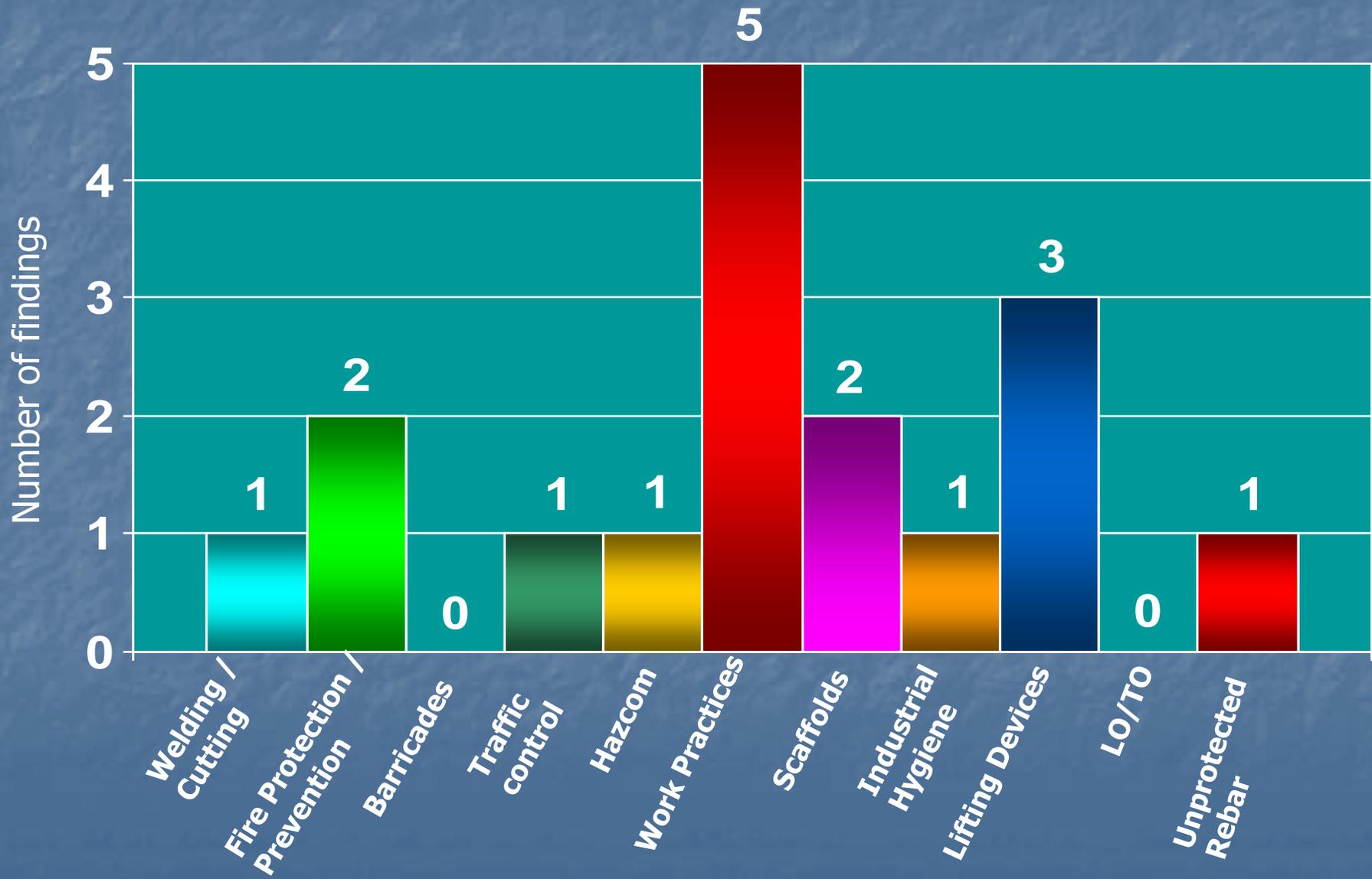
# 2009

Construction Safety Findings by category:



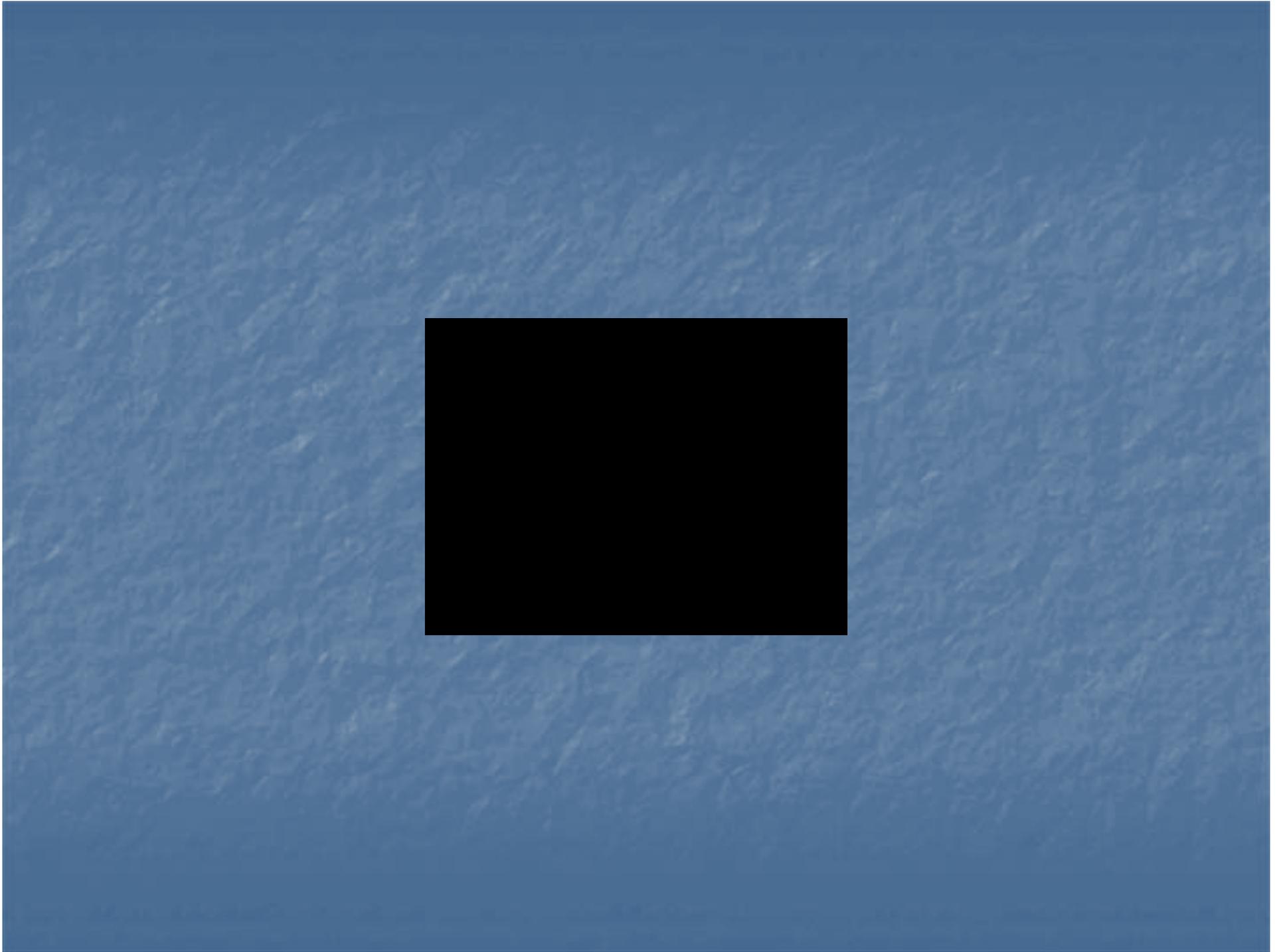
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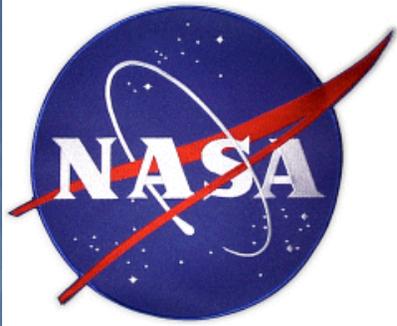
## Construction Safety Findings "OTHER" Safety Findings by category: **17**



# CLOSE CALLS

- The following video demonstrates how some things turn out “good.” But, those close calls are a clear sign that something else is wrong!





**If you're going to be stupid, you have to be tough!**

